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on August 24, 2006.

PATENT  
Attorney Docket No.: 018158-021800US  
Client Ref. No.: VX-1166

TOWNSEND and TOWNSEND and CREW LLP

By: /Nina L. McNeill/  
Nina L. McNeill

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Dimitri Chernyak et al.

Application No.: 10/601,048

Filed: June 20, 2003

For: WAVEFRONT  
RECONSTRUCTION USING FOURIER  
TRANSFORMATION AND DIRECT  
INTEGRATION

Customer No.: 20350

Confirmation No. 8453

Examiner: John R. Sanders Jr.

Technology Center/Art Unit: 3735

RESPONSE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed June 5, 2006, please enter the following  
amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this  
paper.

**Remarks/Arguments** begin on page 8 of this paper.